

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 046361/265061

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

HIGH-ELECTRON MOBILITY TRANSISTOR WITH ZINC OXIDE,

the specification of which

☒ is attached hereto

OR

☐ was filed on _____ as United States Application No. or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

None			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date (MM/DD/YYYY)
60/391,519	06/24/2002
Application Number	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

None		
Application No.	Filing Date	Status Patented/Pending/Abandoned
Application. No.	Filing Date	Status Patented/Pending/Abandoned
Application No.	Filing Date	Status Patented/Pending/Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

Customer Number 00826

Direct telephone calls to: Jon M. Jurgovan
Registration No. 34,633
Tel Atlanta Office (404) 881-7000
Fax Atlanta Office (404) 881-7777

Full name of (first/sole) inventor: Jeff Nause
Inventor's
Signature: _____ Date: _____
Residence: Mableton, Georgia 30126
Citizenship: United States of America
Mailing Address: 4491 Kinvarra Circle

Full name of second inventor: Shanthi Ganesan
Inventor's
Signature: _____ Date: _____
Residence: Smyrna, Georgia 30080
Citizenship: United States of America
Mailing Address: 814 Vinings Parkway

ASSIGNMENT

THIS ASSIGNMENT, made by us, Jeff Nause, citizen of the United States of America, residing at 4491 Kinvarra Circle, Mableton, Georgia 30126; and Shanthi Ganesan, citizen of the United States of America, residing at 814 Vinings Parkway, Smyrna, Georgia 30080,

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in HIGH ELECTRON MOBILITY TRANSISTOR WITH ZINC OXIDE for which a PROVISIONAL application for United States Letters Patent has been filed in the United States Patent and Trademark Office on June 24, 2002, Application No. 60/391,519, and

WHEREAS, Cermet, Inc., a Georgia corporation having a principal place of business at 1019 Collier Road, Suite C1, Atlanta, Georgia 30318-2401, County of Fulton, State of Georgia, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, divisions, or non-provisionals claiming priority thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns

promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 29
day of August, 2002.

Jeff Nause (SEAL)
Jeff Nause

STATE OF GA)
COUNTY OF Gwinnett)

I, KAREN LEZAJ SHAN, a Notary Public for said County and State, do hereby
certify that Jeff Nause personally appeared before me this day and acknowledged the due
execution of the foregoing instrument.

Witness my hand and official seal, this the 29 day of August, 2002.

(Official Seal)

Karen Lezaj Shan
Notary Public

My commission expires: 2-14-²⁰⁰⁴~~2002~~

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 29th
day of August, 2002.

S. Shanthi (SEAL)
Shanthi Ganesan

STATE OF GA)
COUNTY OF Gwinnett)

I, KAREN LOUISE SHAW, a Notary Public for said County and State, do hereby
certify that Shanthi Ganesan personally appeared before me this day and acknowledged the due
execution of the foregoing instrument.

Witness my hand and official seal, this the 29 day of August, 2002.

(Official Seal)

[Signature]
Notary Public

My commission expires: 2-14-2004